

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111219\
 Data File : VU035695.D
 Acq On : 12 Nov 2019 15:07
 Operator : JC/SP
 Sample : K5798-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 13 00:46:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 13 00:43:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	704129	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	668507	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	204877	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	247281	43.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.96%
7) Chloroethane-d5	1.93	69	216653	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.60	63	304159	34.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.78%
21) 2-Butanone-d5	4.69	46	312364	94.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.03%
24) Chloroform-d	5.11	84	407594	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.82%
26) 1,2-Dichloroethane-d4	5.75	65	258201	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
32) Benzene-d6	5.77	84	885854	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
36) 1,2-Dichloropropane-d6	6.74	67	283259	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.26%
41) Toluene-d8	7.93	98	807404	49.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.24%
43) trans-1,3-Dichloropropene-	8.21	79	126983	48.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.56%
47) 2-Hexanone-d5	8.69	63	201784	93.17	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.17%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	376319	46.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.66%
64) 1,2-Dichlorobenzene-d4	12.22	152	213149	51.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.16%

Target Compounds

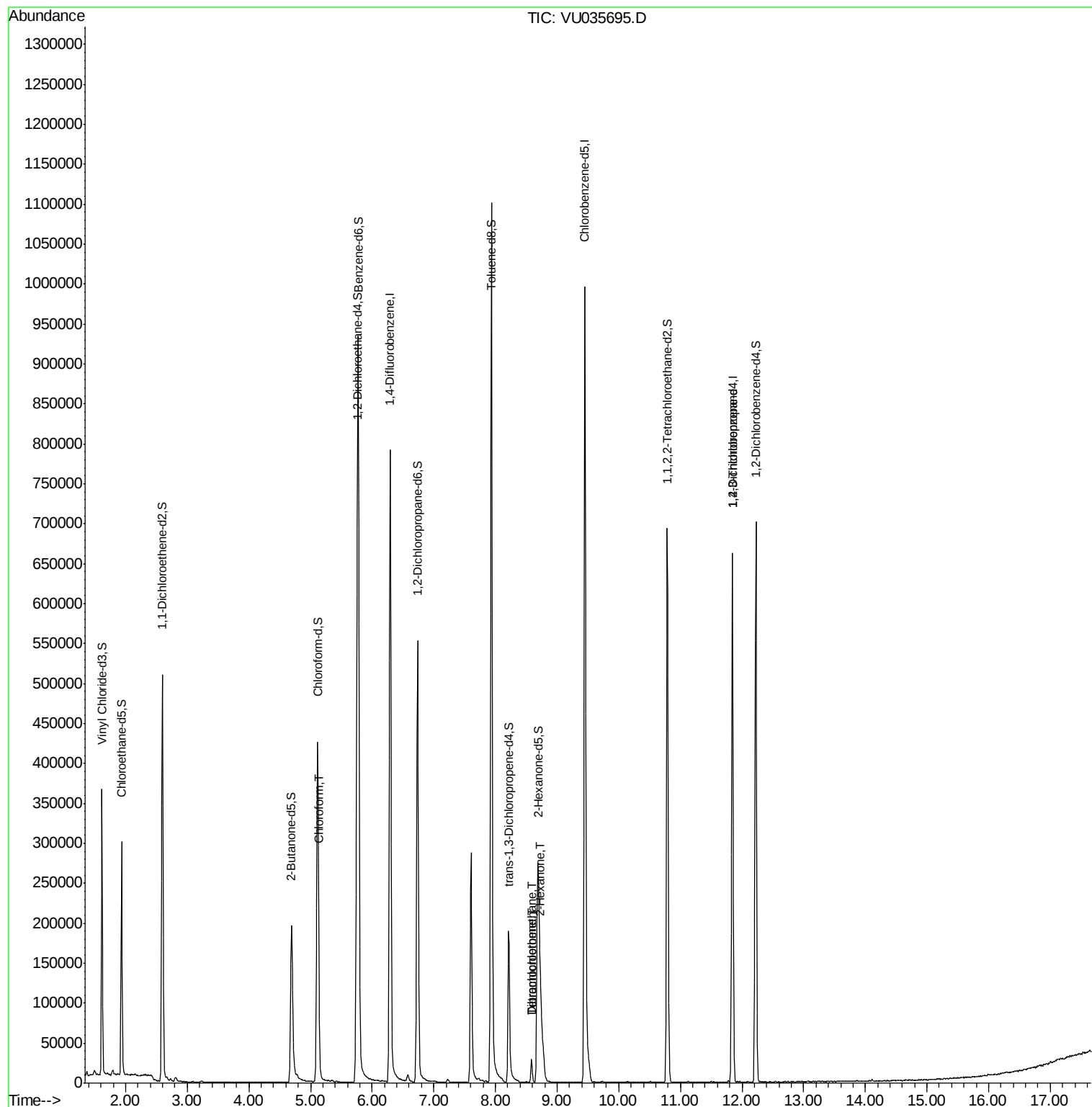
					Ovalue
25) Chloroform	5.14	83	11390	1.284 ug/L	88
46) Tetrachloroethene	8.59	164	6743	1.688 ug/L	94
48) 2-Hexanone	8.73	43	26740	4.885 ug/L #	76
49) Dibromochloromethane	8.58	129	6475	1.191 ug/L #	10
59) 1,2,3-Trichloropropane	11.84	75	22387	3.413 ug/L	97

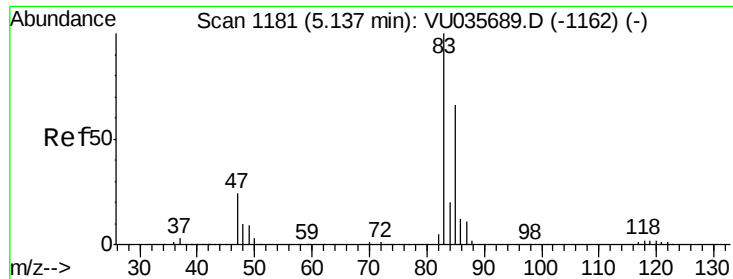
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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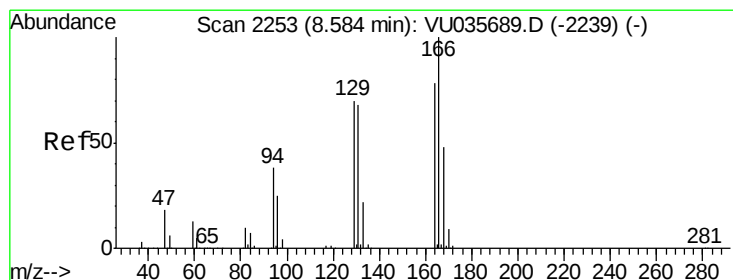
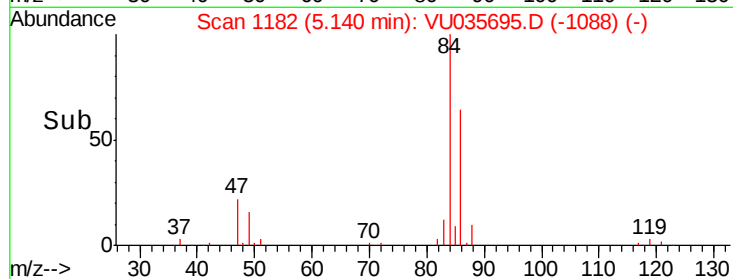
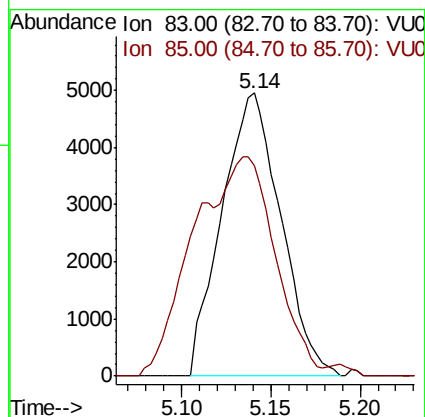
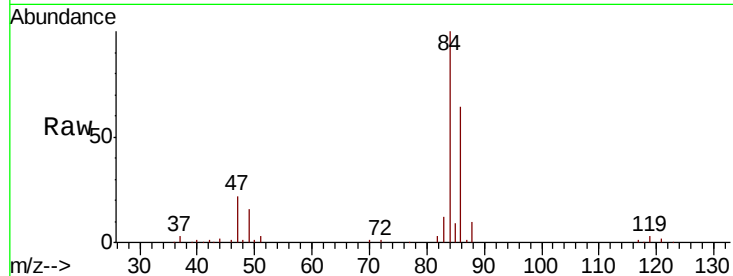




#25
Chloroform
Concen: 1.284 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035695.D
Acq: 12 Nov 2019 15:07

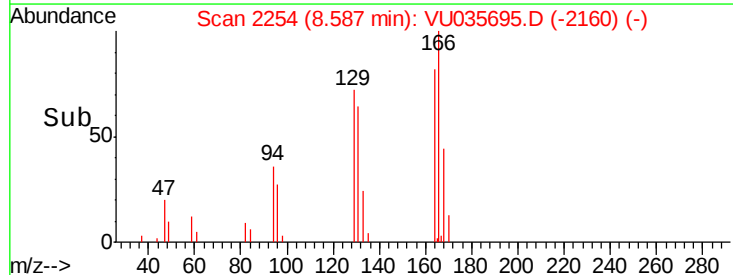
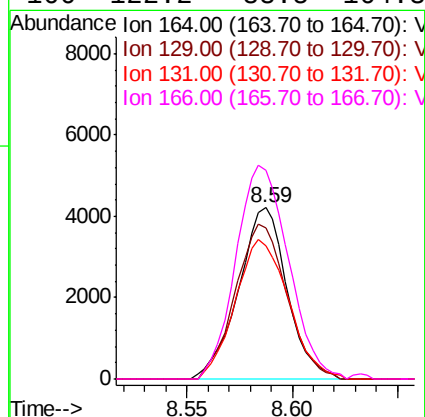
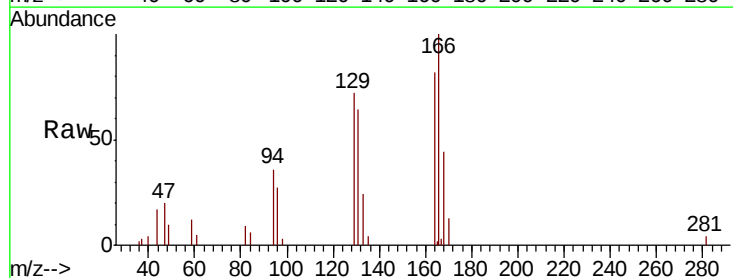
Instrument :
MSVOA_U
ClientSampled :

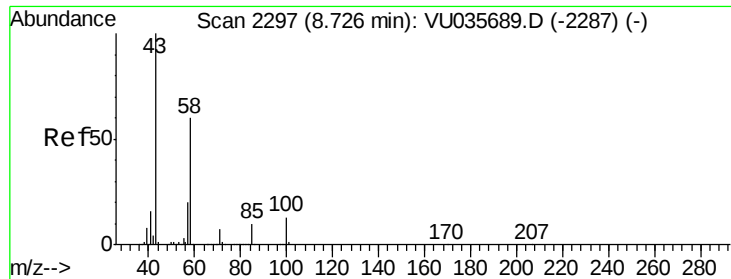
Tot Ion: 83 Resp: 11390
Ion Ratio Lower Upper
83 100
85 74.2 45.4 84.4



#46
Tetrachloroethene
Concen: 1.688 ug/L
RT: 8.59 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VU035695.D
Acq: 12 Nov 2019 15:07

Tgt Ion:164 Resp: 6743
Ion Ratio Lower Upper
164 100
129 88.5 64.1 119.1
131 78.0 63.1 117.1
166 122.2 88.5 164.3

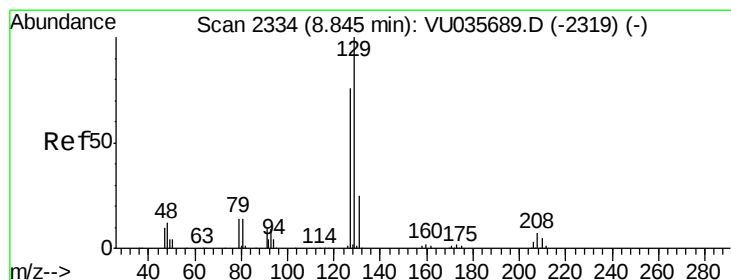
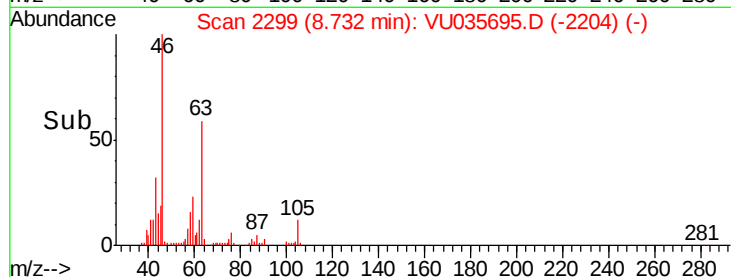
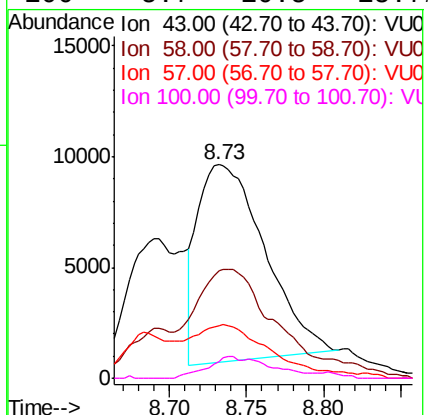
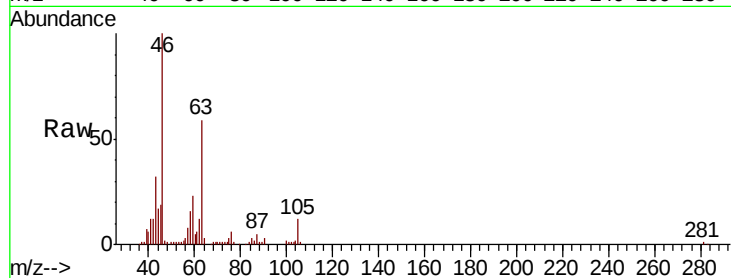




#48
2-Hexanone
Concen: 4.885 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. 0.01 min
Lab File: VU035695.D
Acq: 12 Nov 2019 15:07

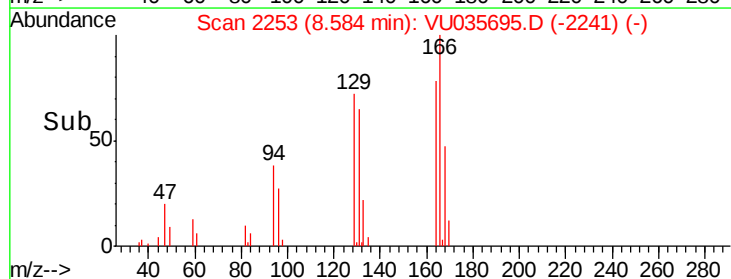
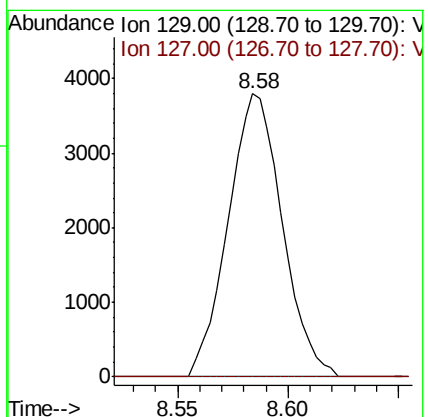
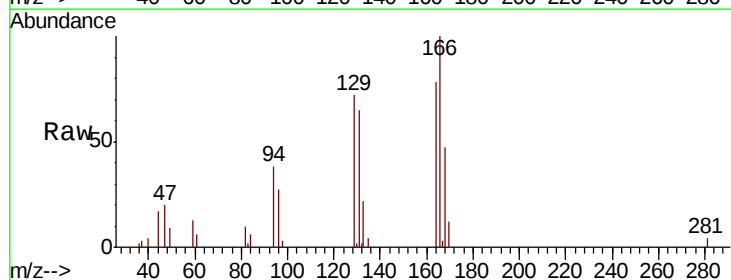
Instrument :
MSVOA_U
ClientSampled :

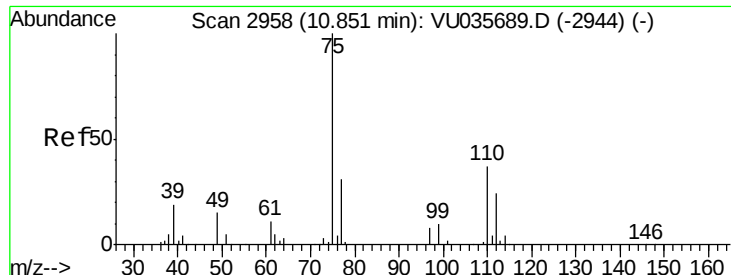
Tot Ion: 43 Resp: 26740
Ion Ratio Lower Upper
43 100
58 49.9 50.4 75.6#
57 0.0 17.4 26.0#
100 5.7 10.5 15.7#



#49
Dibromochloromethane
Concen: 1.191 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035695.D
Acq: 12 Nov 2019 15:07

Tgt Ion: 129 Resp: 6475
Ion Ratio Lower Upper
129 100
127 0.0 54.9 101.9#





#59

1,2,3-Trichloropropane

Concen: 3.413 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035695.D

Acq: 12 Nov 2019 15:07

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 22387

Ion Ratio Lower Upper

75 100

77 33.8 25.7 38.5

